

Title (en)
METHOD AND APPARATUS FOR DETECTING PANEL CONDITIONS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON PANEL-ZUSTÄNDEN

Title (fr)
PROCEDE ET APPAREIL DE DETECTION D'ETATS DE PANNEAUX

Publication
EP 1730538 A4 20080910 (EN)

Application
EP 05703197 A 20050208

Priority
• IL 2005000155 W 20050208
• IL 16036504 A 20040212

Abstract (en)
[origin: WO2005076727A2] A method and apparatus for detecting a predetermined condition of a panel, by: transmitting a cyclically-repeating energy wave through the material of the panel from a first location to a second location; measuring the transit time of the cyclically-repeating energy wave from the first location to the second location; and utilizing the measured transit time to detect the predetermined condition of the panel. Examples are described wherein the condition to be detected is: a force on, the temperature of, a deformation in, the fatigue condition of, or a fracture in, a structural panel; the presence of a force applied to, water on, or a breakage in, a window panel; and the presence of an object on a floor panel.

IPC 8 full level
G01R 27/04 (2006.01); **B64C 27/00** (2006.01); **G01D 5/00** (2006.01); **G01K 11/26** (2006.01); **G01L 7/10** (2006.01); **G01M 5/00** (2006.01); **G01N 29/00** (2006.01); **G06F 3/00** (2006.01); **G06F 3/01** (2006.01); **G08B 13/10** (2006.01)

IPC 8 main group level
G01R (2006.01)

CPC (source: EP US)
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Citation (search report)
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